



# FEMA



Prepared by  
*Jennifer McNatt*

# FEMA Region 6 Weather Threat Briefing

Tuesday, October 2, 2018

**Disclaimer:** The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to [www.weather.gov/srh](http://www.weather.gov/srh).

# Summary of the Upcoming Week



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## Today

- Isolated heavy rain possible in NM. Although it will mostly be welcome rainfall, some isolated locations may see flash flooding, especially in/around burn scar locations.

## Wednesday - Thursday

- Isolated heavy rain possible over extreme N-Central OK on Wednesday.
- No significant weather expected on Thursday.

## Friday into the Weekend

- Heavy rain possible over OK beginning late Friday and likely expanding into NW TX by Saturday. This heavy rain potential might last into early next week and include North-Central TX by Tuesday.

## River Flood Status

- Water will continue to drain from the Nueces River.
  - The point near Bluntzer is expected to rise into moderate flood stage late tonight, cresting early Wednesday morning. Some homes downstream near Calallen may flood.
  - The point near Tilden should begin a slow fall later today.

## Tropical Outlook

- Tropical Storm Leslie is expected to meander over the Central Atlantic this week. No impacts to FEMA 6.
- A broad area of low pressure has developed over the SW Caribbean Sea a couple hundred miles north of Panama. Little development is expected over the next couple of days as it drifts generally northward. By late week and over the weekend, however, some development will be possible while the system will be moving northwest into the NW Caribbean Sea.
  - Formation chance through 48 hours...low...near 0%.
  - Formation chance through 5 days...low...20%.
- Tropical Depression Rosa will continue to weaken today and is expected to become a remnant low over northern Mexico or the SW U.S. later today. Most of the heavy rainfall associated with Rosa will remain west of Region 6.

# FEMA Region 6 Threat Matrix

Oct 2, 2018 – Oct 6, 2018



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DAY / THREAT	TUE	WED	THU	FRI	SAT
Severe Storms					
Heavy Rain / Flash Flooding	NM	Extreme N-Cntrl OK		OK (Late)	OK, NWTX
Fire Weather					
Tropical Weather					
River Flooding	Nueces River (STX)	Nueces River (STX)	Nueces River (STX)	Nueces River (STX)	Nueces River (STX)

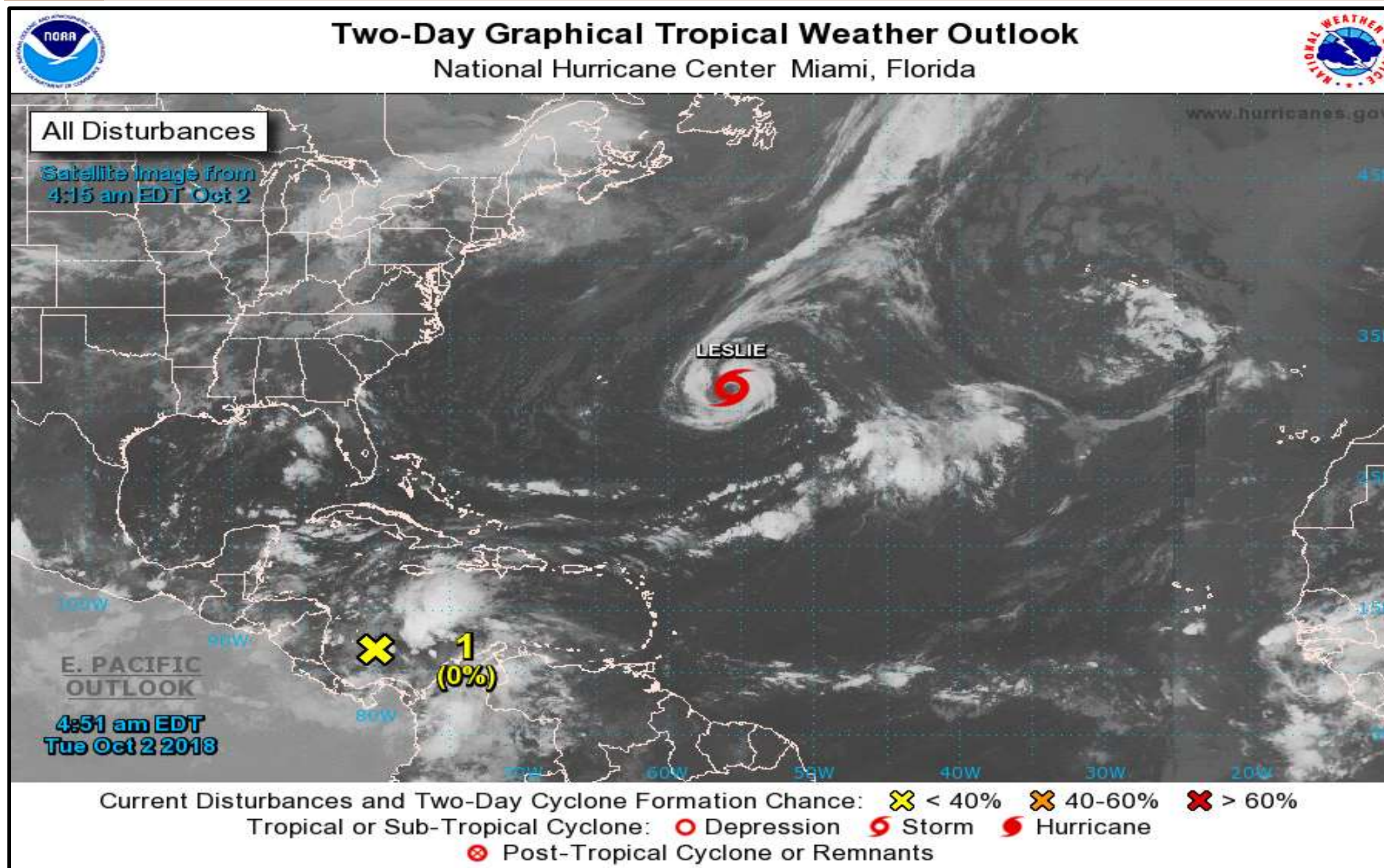
	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*\*Threat levels are based on FEMA Region 6 criteria.  
State or local threat level criteria may differ.\*  
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

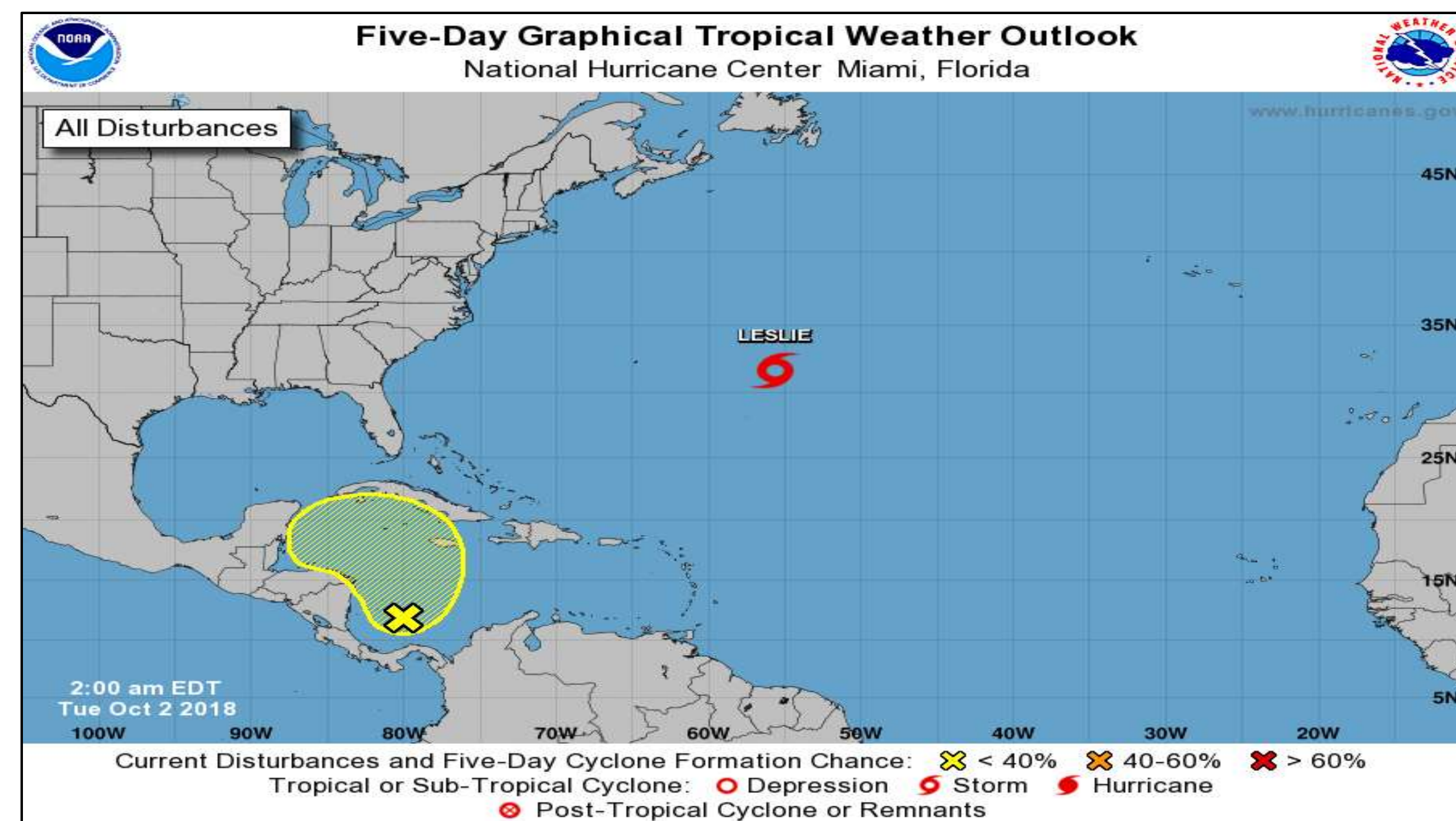
# Tropical Weather Outlook – Atlantic/Gulf



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See next slide for forecast information on Tropical Storm Leslie.



A broad area of low pressure has developed over the SW Caribbean Sea a couple hundred miles north of Panama. Little development is expected over the next couple of days as it drifts generally northward. By late week and over the weekend, however, some development will be possible while the system will be moving northwest into the NW Caribbean Sea.

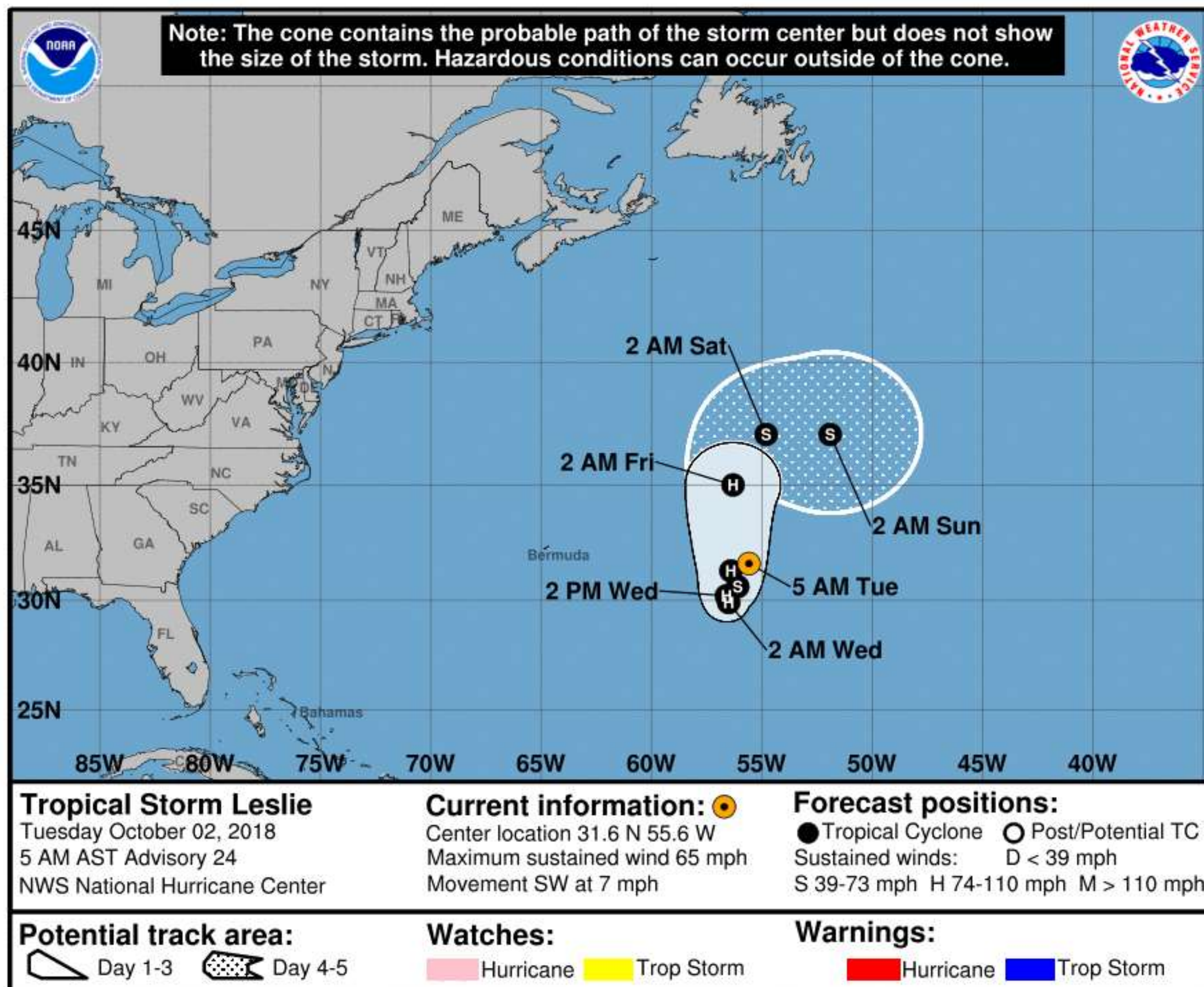
Formation chance through 48 hours...low...near 0%

Formation chance through 5 days...low...20%

# Tropical Storm Leslie



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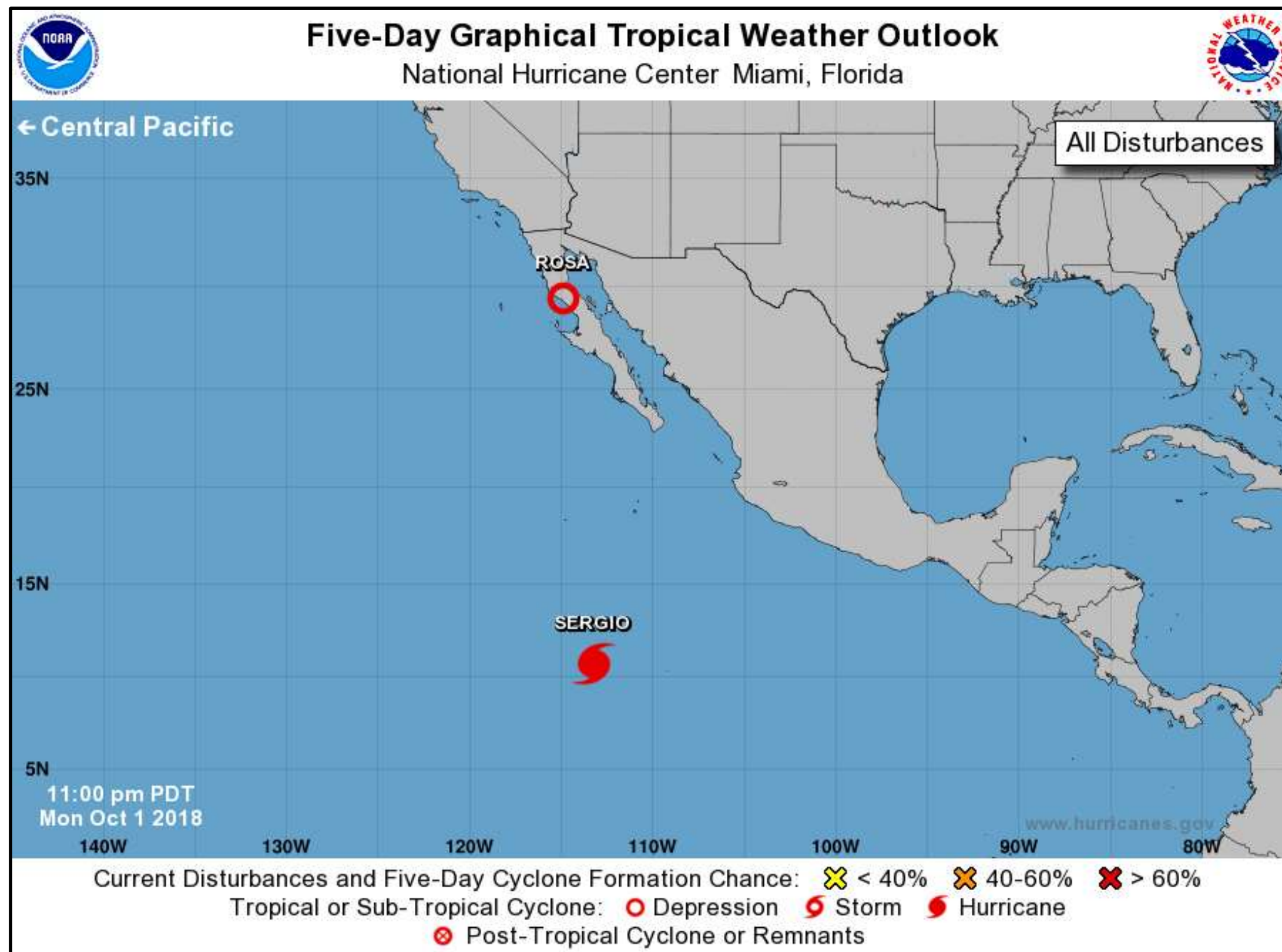


Tropical Storm Leslie is expected to meander over the Central Atlantic for much of this week. No impacts to FEMA 6.

# TD Rosa & Tropical Weather Outlook – Pacific



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**Tropical Depression Rosa will continue to weaken today and is expected to become a remnant low over northern Mexico or the SW U.S. later today. Most of the heavy rainfall associated with Rosa will remain west of Region 6.**

**No impacts to Region 6 from Hurricane Sergio.**

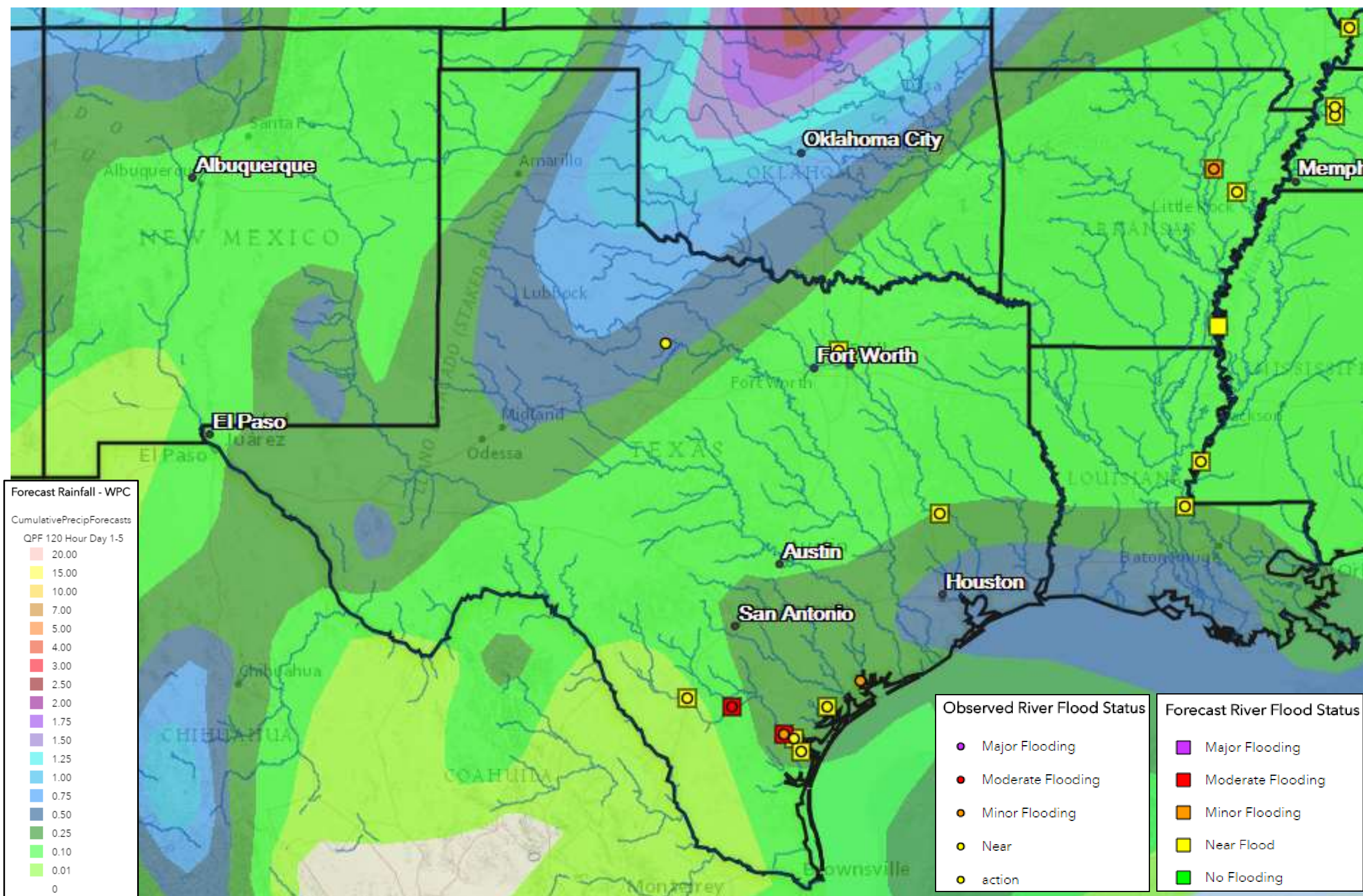


# 5-Day Precipitation Forecast & River Flood Status



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*Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall*



**Water will continue to drain from the Nueces River.**

**The point near Bluntzer is expected to rise into moderate flood stage late tonight, cresting early Wednesday morning. Some homes downstream near Calallen may flood.**

**The point near Tilden should begin a slow fall later today.**

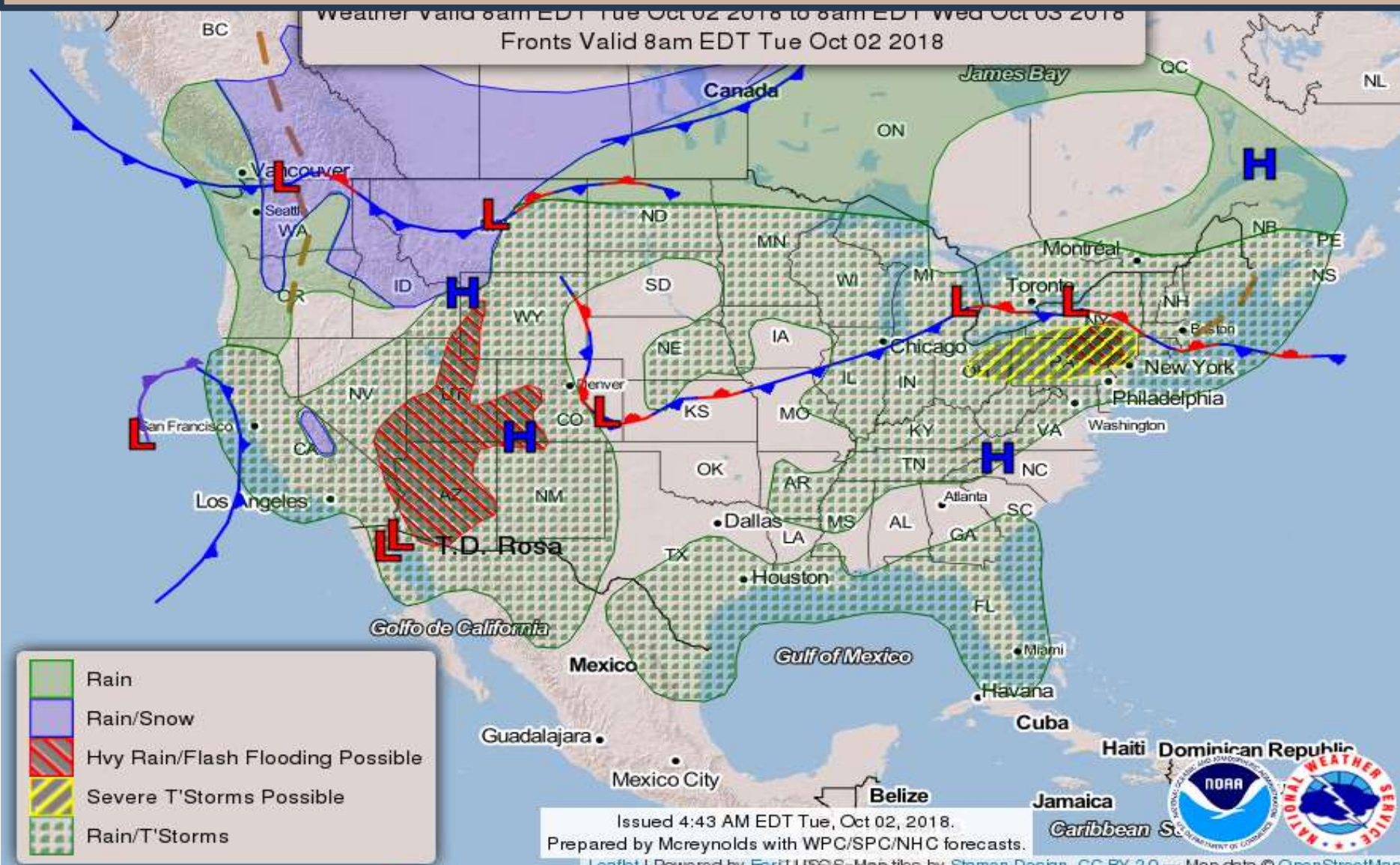
**No additional river flooding is expected with the forecasted rainfall in the next five days.**

# Today's Weather



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## Forecast Chart

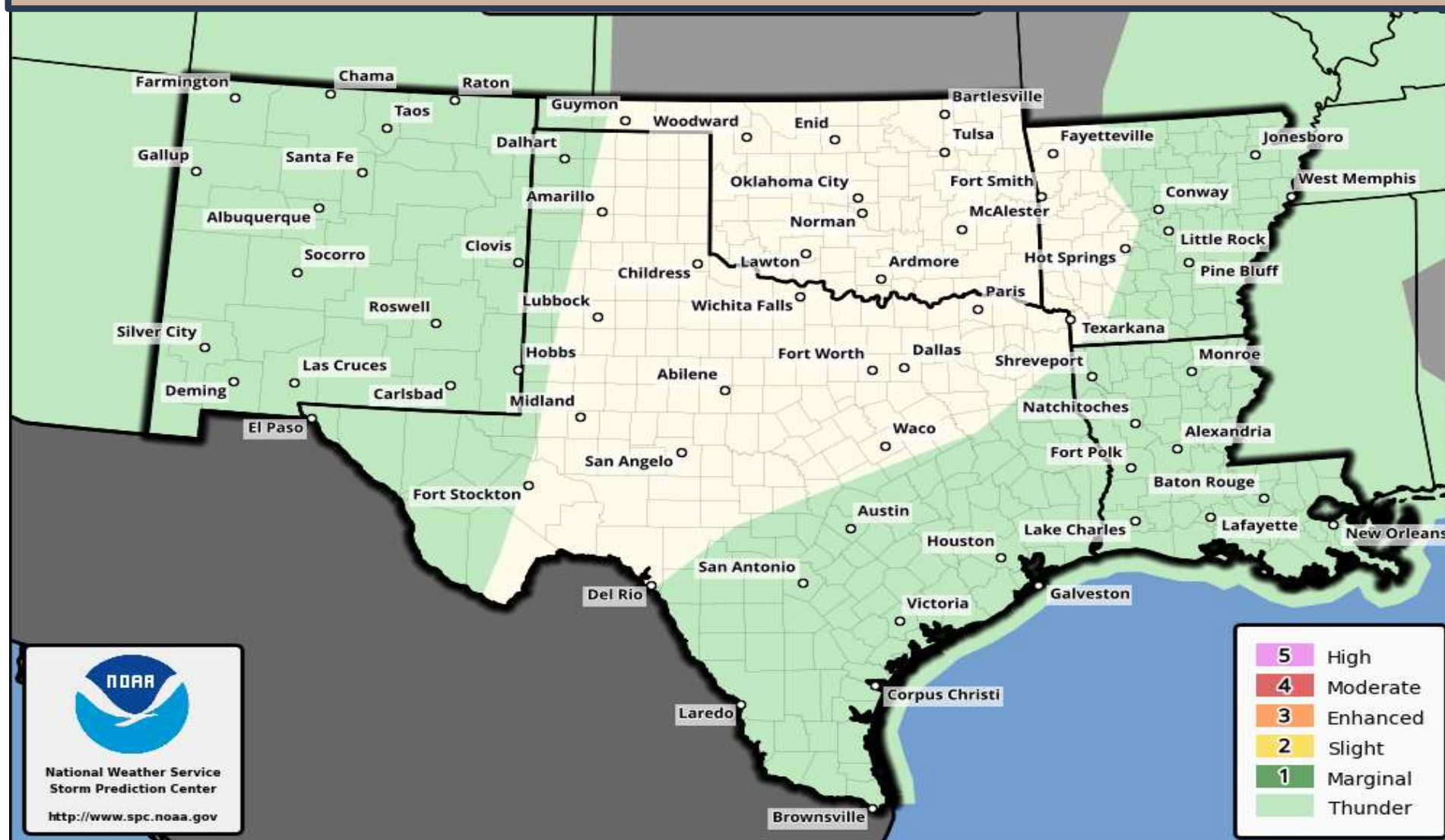


## Forecast Rainfall



Isolated heavy rain possible in NM. Although it will mostly be welcome rainfall, some isolated locations may see flash flooding, especially in/around burn scar locations.

## Severe Weather Outlook



## Excessive Rainfall Outlook



# Tomorrow's Weather

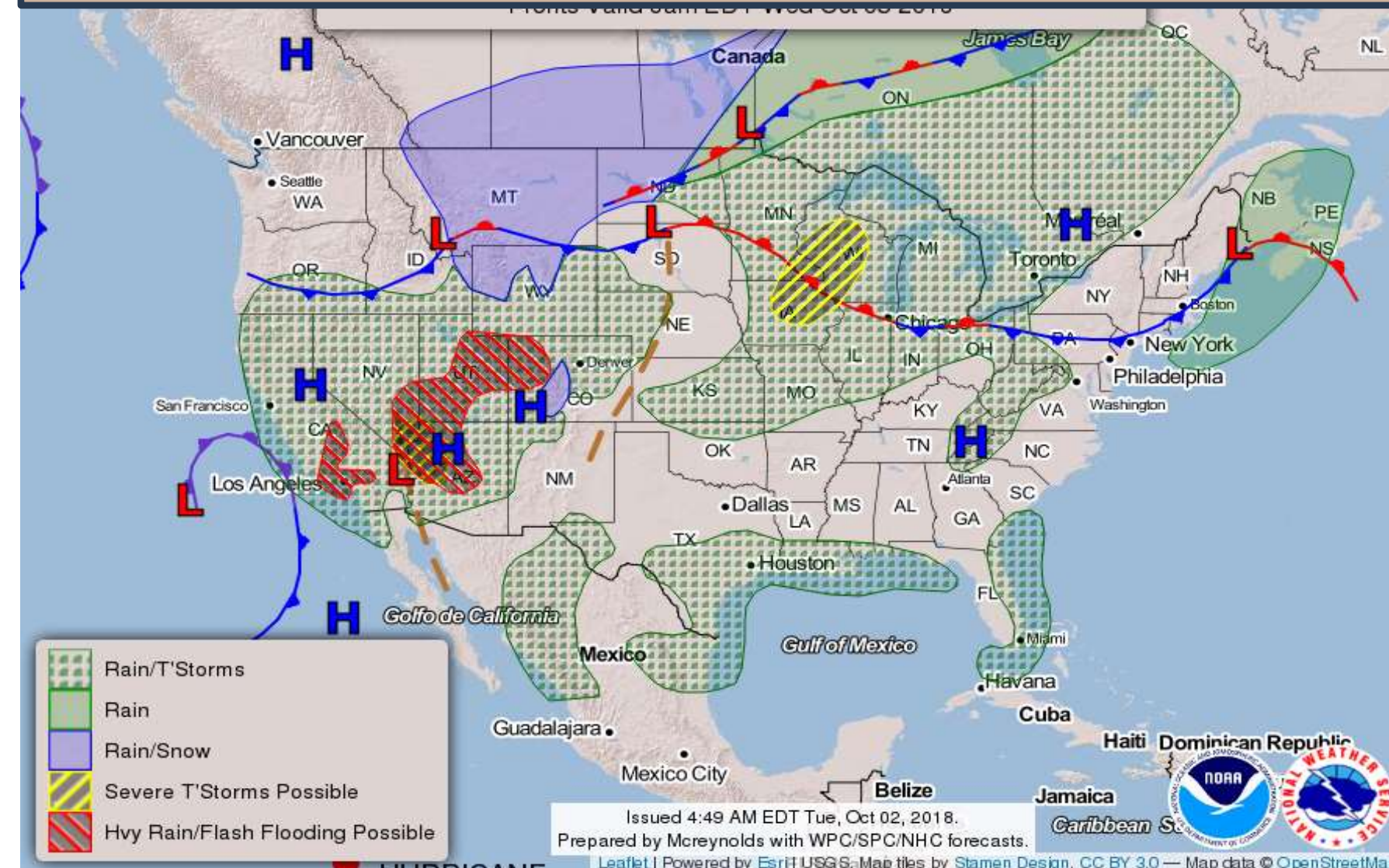


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## Forecast Chart

## Forecast Rainfall

Isolated heavy rain possible  
over extreme N-Central OK.

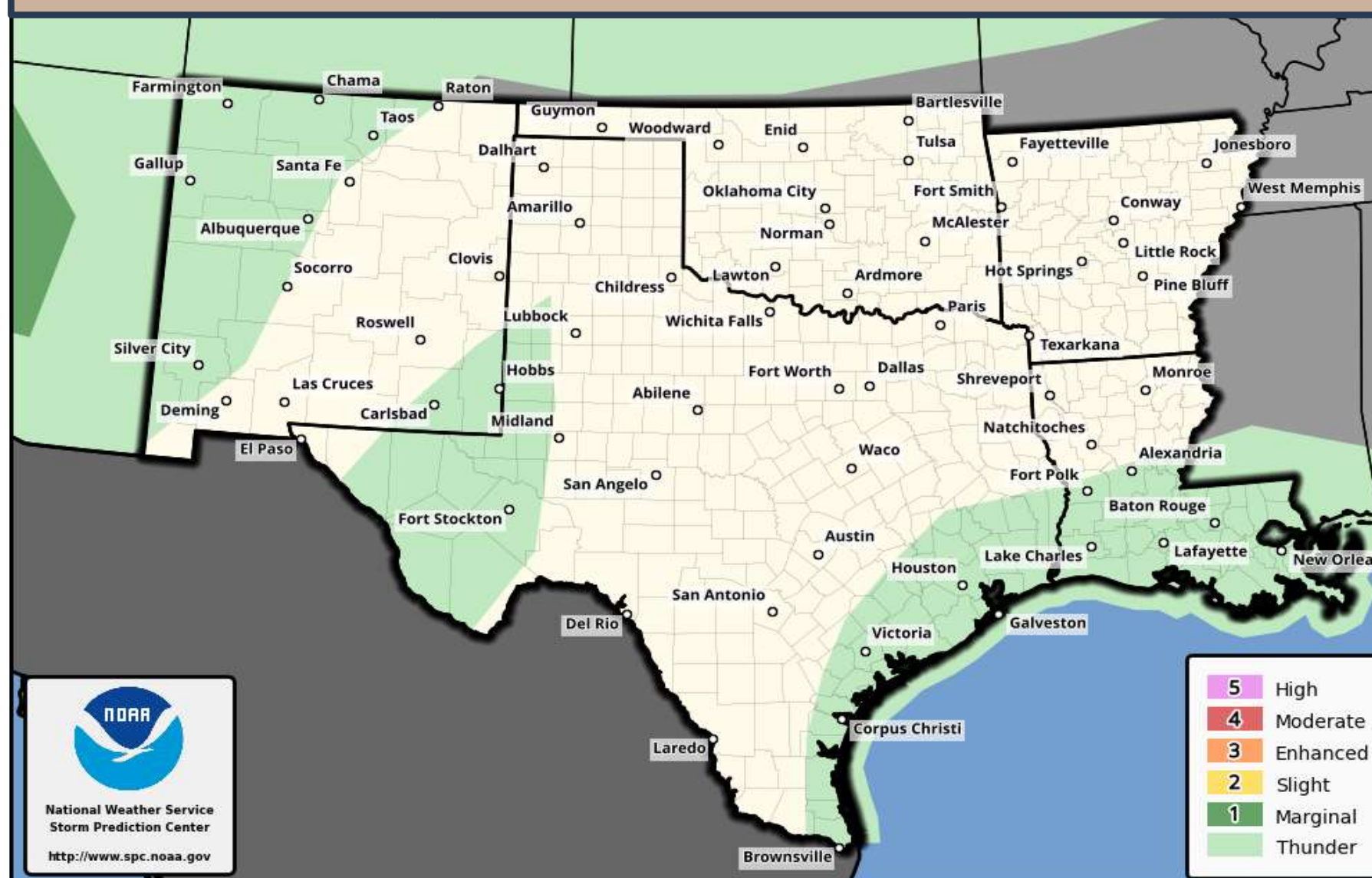


Graphic Created  
October 2nd, 2018  
5:13 AM CDT



## Severe Weather Outlook

## Excessive Rainfall Outlook



Graphic Created  
October 2nd, 2018  
5:13 AM CDT

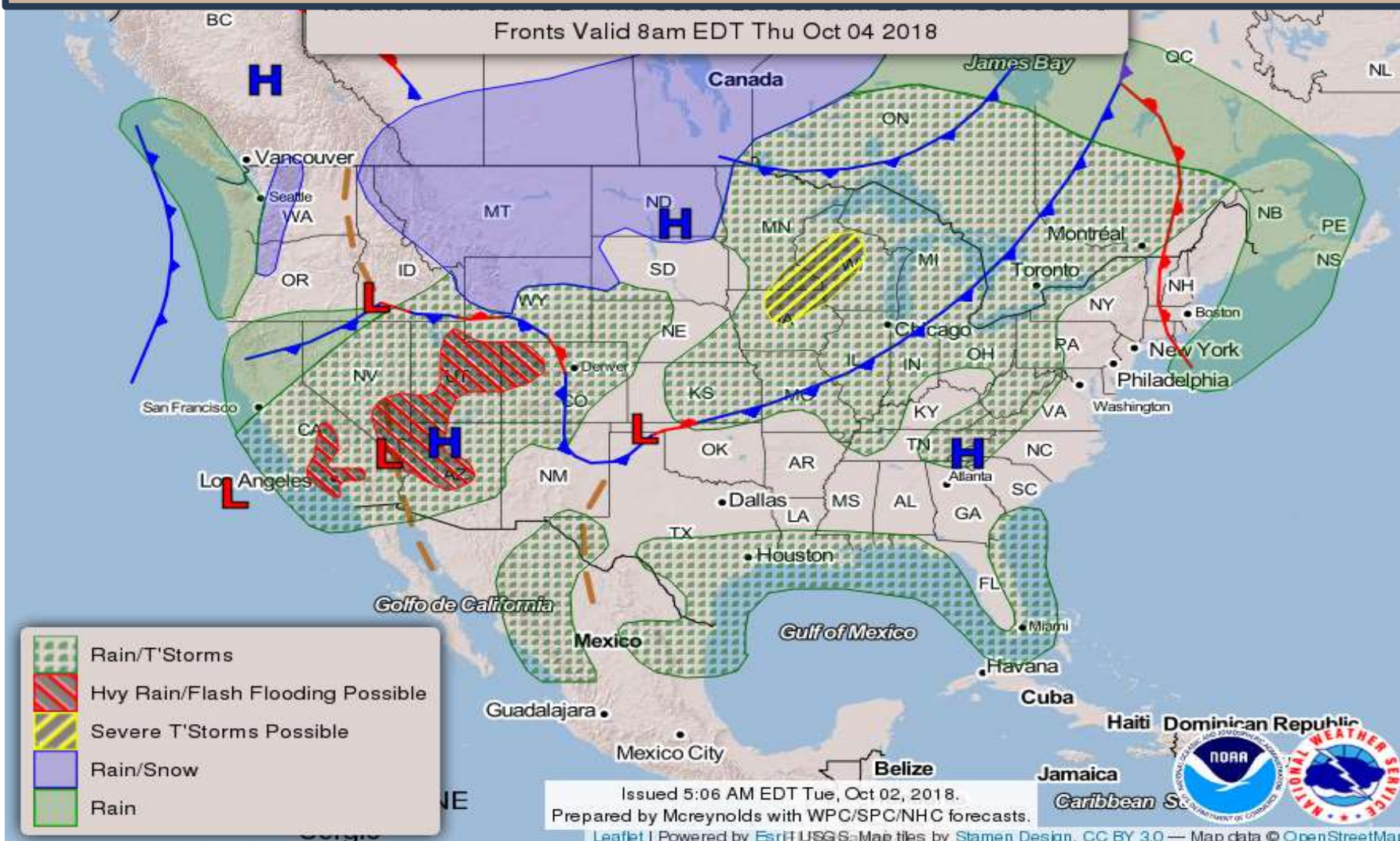


# Thursday's Weather



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## Forecast Chart



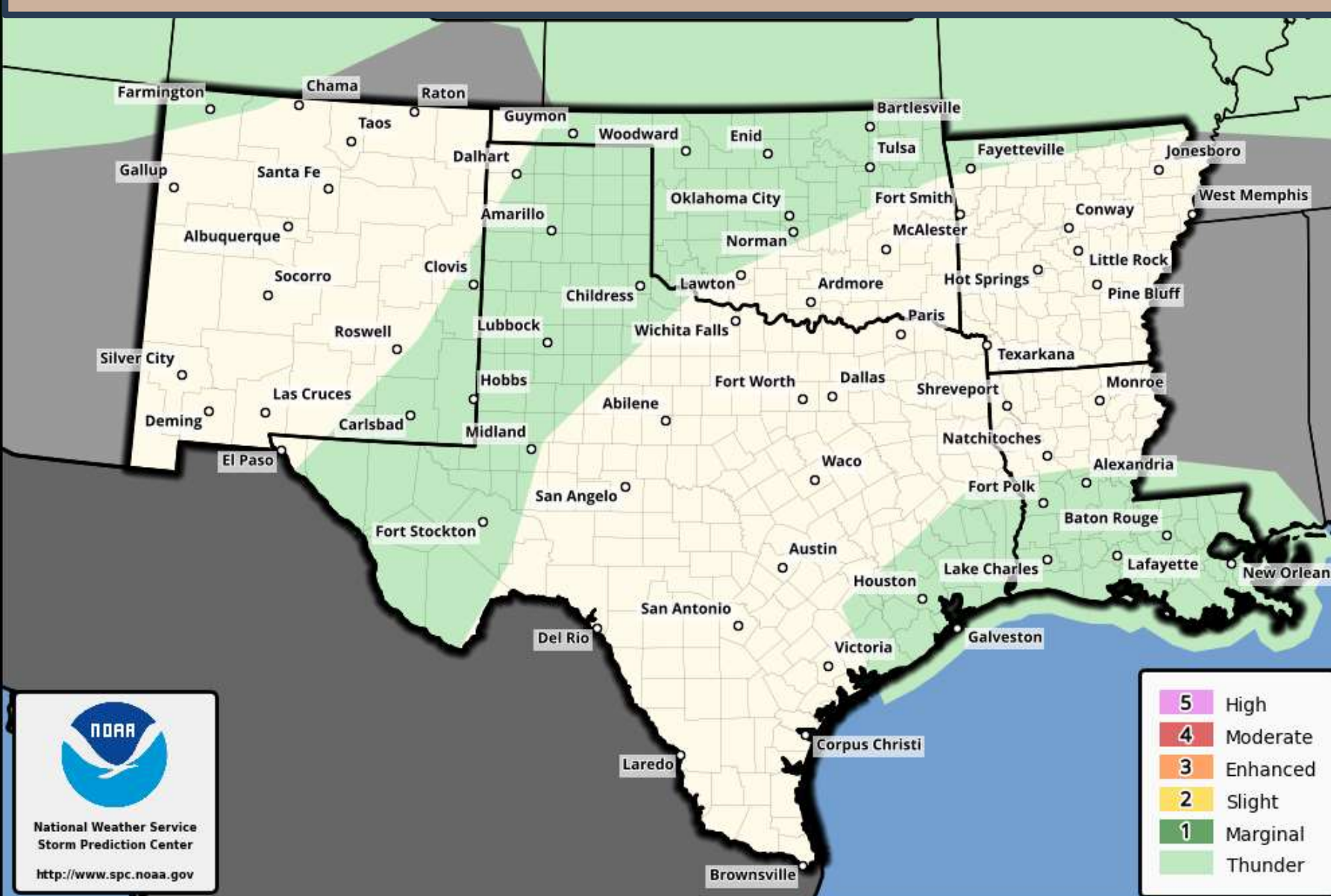
Graphic Created  
October 2nd, 2018

## Forecast Rainfall



No significant weather  
expected.

## Severe Weather Outlook



Graphic Created  
October 2nd, 2018  
AM CDT

## Excessive Rainfall Outlook



# Days 4-5 Weather Hazards

Friday - Saturday



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Isolated  
heavy rain  
possible  
Friday night  
into Saturday



- No Weather Threats Expected
- Very Common – Happens Often
- Common – Happens Frequently
- Uncommon – A Few Times a Year
- Rare – Once Every 1-5 Years
- Very Rare – Once Every 5-10 Years

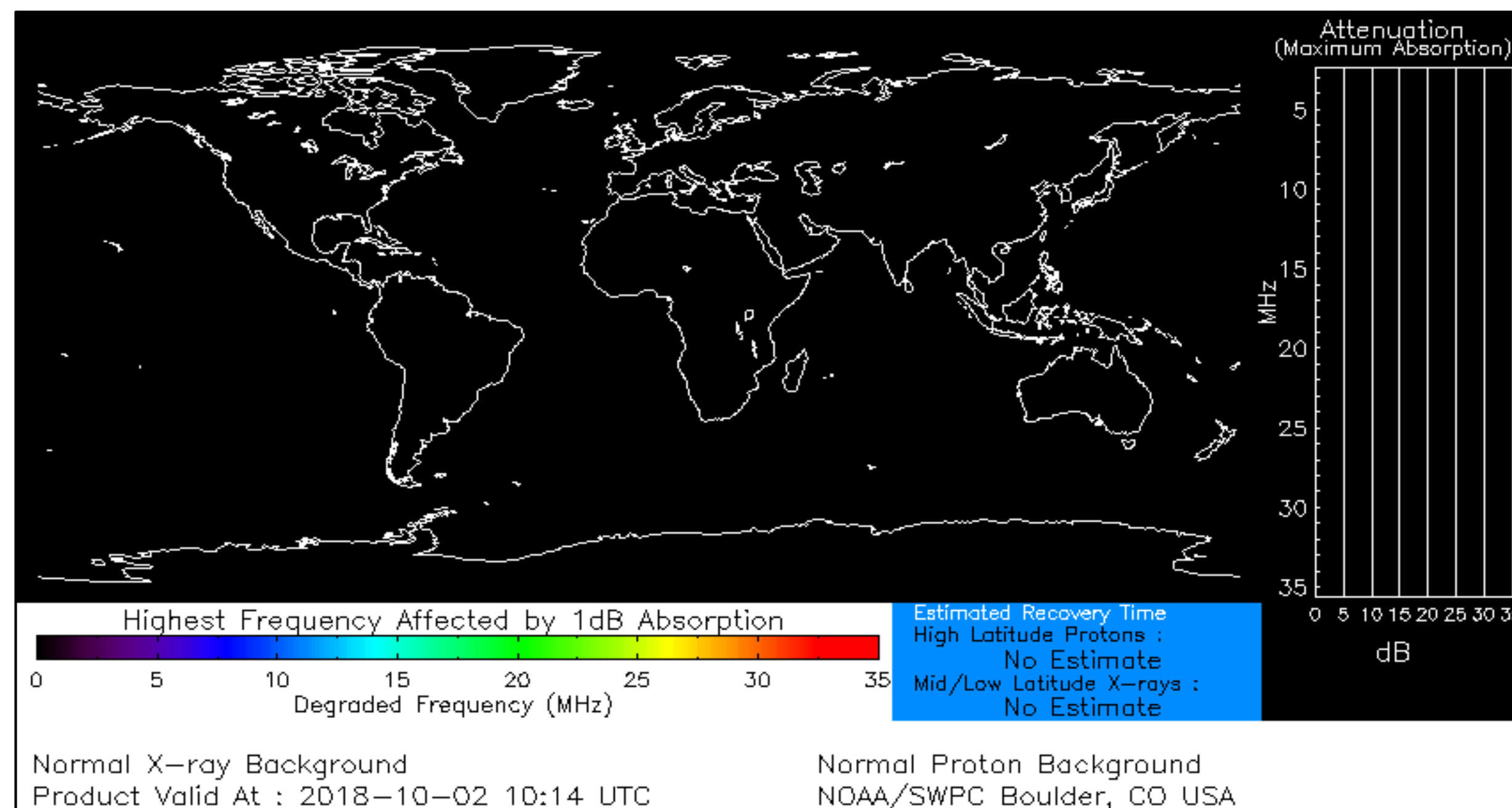
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the last slide in this briefing.

# Space Weather 3-Day Forecast



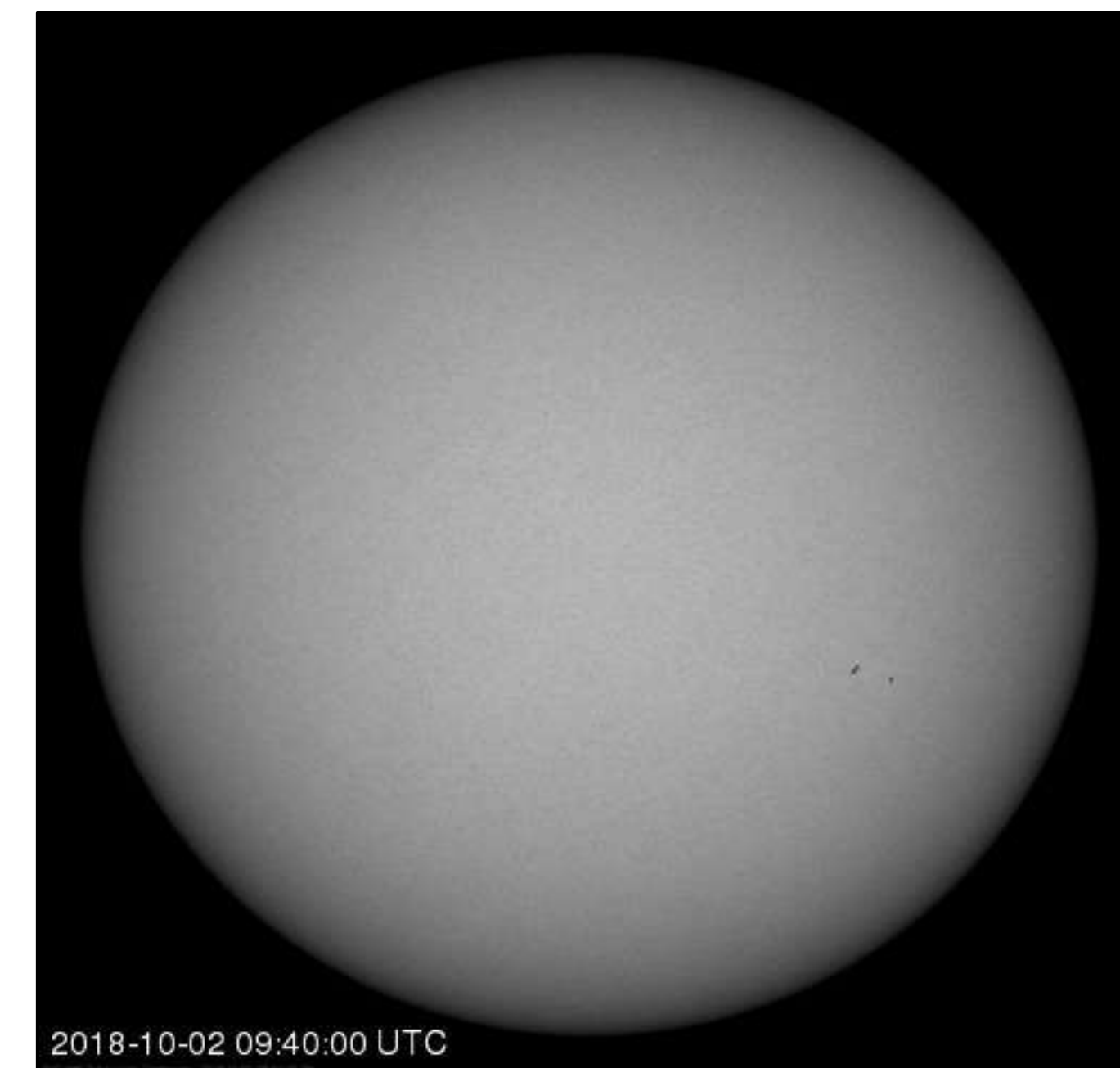
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	Tuesday	Wednesday	Thursday
Geomagnetic Storms	Quiet to Unsettled (Max Kp = 3)	Quiet to Unsettled (Max Kp = 3)	Quiet to Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





# For more information, please contact:

**National Weather Service**  
Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX

Phone: (682) 703-3747

E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	<b>Very Common</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
Yellow	<b>Somewhat Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail</li> </ul>
Orange	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<b>Very Rare – Once Every 5-10 Years</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>

**Criteria for the color codes in this briefing is to the left, please provide any feedback to**

**[sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)**